Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

1. (CURRENTLY AMENDED) An inhalation therapy device comprising

a. an aerosol membrane generator ~~(2)~~,

i. having a liquid storage container ~~(4)~~ into which a liquid ~~(5)~~ that can be used for therapy is fillable,

ii. having a membrane ~~(6)~~ which is connected on one side with the liquid storage container ~~(4)~~ such that a liquid ~~(5)~~ disposed in the liquid storage container contacts one side of said membrane ~~(6)~~, and

iii. having an oscillation generator ~~(7)~~ for generating oscillations by means of which a liquid ~~(5)~~ disposed in the liquid storage container is nebulised into an aerosol through openings in the membrane ~~(6)~~ to the other side of said membrane,

b. a mixing chamber ~~(3)~~ into which the aerosol membrane generator ~~(2)~~ generates the aerosol, and

c. an inhalation valve ~~(20, 21)~~ which allows the inflow of ambient air into the mixing chamber ~~(3)~~ during the inhalation phases and which prevents the aerosol from

escaping from the mixing chamber ~~(3)~~ during the exhalation phases and which forms a wall section of said mixing chamber ~~(3)~~,

i. having an aerosol passage ~~(22)~~, via which the aerosol generated by the membrane generator arrives in the mixing chamber ~~(3)~~, said aerosol passage being disposed with one section on a surface of the aerosol membrane generator ~~(2)~~ so as to surround the membrane ~~(3)~~ along at least one sealing line ~~(20A)~~, and extending in an opening manner into the mixing chamber ~~(3)~~,

ii. having at least one breathing air through opening ~~(23)~~ disposed in ~~the~~ a region around the aerosol passage ~~(22)~~, and

iii. having a valve element ~~(21)~~ disposed in the region around the aerosol passage ~~(22)~~ such that the valve element ~~(21)~~ closes the at least one breathing air through opening ~~(23)~~ in exhalation phases and opens it in inhalation phases.

2. (CURRENTLY AMENDED) The inhalation therapy device of claim 1, wherein a plurality of breathing air through openings ~~(23)~~ are provided.

3. (CURRENTLY AMENDED) The inhalation therapy device of claim 1, wherein a surrounding groove ~~(24)~~ is provided to retain the valve element ~~(21)~~.

4. (CURRENTLY AMENDED) The inhalation therapy device of claim 3, wherein the valve element ~~(21)~~ comprises a bulge ~~(26)~~ for retention in the surrounding groove ~~(24)~~.

5. (CURRENTLY AMENDED) The inhalation therapy device of claim 1, wherein the aerosol passage ~~(22)~~ is pipe-shaped and the valve element ~~(21)~~ is annular and said valve element ~~(21)~~ accommodates the pipe-shaped aerosol passage ~~(22)~~ in the annular opening.

6. (CURRENTLY AMENDED) The inhalation therapy device of claim 5, wherein ~~the~~ a surrounding groove ~~(24)~~ is provided to accommodate the valve element ~~(21)~~ in the outer surface of the pipe-shaped aerosol passage ~~(22)~~.

7. (CURRENTLY AMENDED) The inhalation therapy device of claim 5, wherein the pipe-shaped aerosol passage is formed by a cylindrical sleeve ~~(22)~~, provided on the outer surface of which is a region accommodating the breathing air through openings ~~(23)~~, which extends essentially perpendicular to the longitudinal axis of the sleeve.

8. (CURRENTLY AMENDED) The inhalation therapy device of claim 7, wherein the cylindrical sleeve ~~(22)~~ is disposed concentrically to the membrane ~~(6)~~.

9. (CURRENTLY AMENDED) The inhalation therapy device of claim 7, wherein the valve element ~~(21)~~ is configured as a circular ring and accommodates the cylindrical sleeve ~~(22)~~ in the annular opening.

10. (CURRENTLY AMENDED) The inhalation therapy device of claim 1, wherein the aerosol passage ~~(22)~~ comprises a bulge ~~(22a)~~ in the area facing the membrane.

11. (CURRENTLY AMENDED) The inhalation therapy device of claim 1, wherein the one or more breathing air through openings ~~(23)~~ extend essentially parallel to the aerosol passage ~~(22)~~.

12. (CURRENTLY AMENDED) The inhalation therapy device of claim 1, wherein the one or more breathing air through openings ~~(23)~~ extend in a spiral manner in relation to the aerosol passage ~~(22)~~.

13. (CURRENTLY AMENDED) The inhalation therapy device of claim 1, wherein the one or more breathing air through openings ~~(23)~~ are configured as circular ring sections or segments.

14. (CURRENTLY AMENDED) The inhalation therapy device of claim 1, wherein the inhalation valve ~~(20)~~ comprises an edge section ~~(25)~~ which is configured for retaining the inhalation valve ~~(20)~~, in particular for clamping between a wall ~~(31)~~ of the aerosol generator ~~(2)~~ and a wall ~~(32)~~ of the mixing chamber ~~(3)~~.

15. (CURRENTLY AMENDED) The inhalation therapy device of claim 1, wherein the one or more breathing air through openings ~~(23)~~ are provided on all sides around the aerosol passage ~~(22)~~.

16. (CURRENTLY AMENDED) The inhalation therapy device of claim 1, wherein the breathing air through openings ~~(23)~~ are designed to extend in a sloping manner such that the breathing air is guided away from the fixing point of the valve element ~~(21)~~.

17. (CURRENTLY AMENDED) The inhalation therapy device claim 1, wherein the region of the one or more breathing air through openings ~~(23)~~ is disposed essentially on a plane with the membrane ~~(6)~~.

18. (CURRENTLY AMENDED) The inhalation therapy device of claim 1, wherein the valve element ~~(21)~~ is produced from a resilient material.

19. (CURRENTLY AMENDED) The inhalation therapy device of claim 1, wherein the inhalation valve ~~(20)~~ is produced from a resilient material.